

Work Order ID 111107

Thursday, January 09, 2014 11:29:26 AM

111107

Page 1

Item ID: PB67-43001-11

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Fwd Adjustable Blade Support Assembly

Start Date: 1/8/2014 Start Qty: 1.00

Cust Item ID:

Required Date: 1/24/2014 Req'd Qty: 1.00

Customer:

Reference:

Approvals:

Process Plan: *mt*

Date: *14-01-09* Tooling:

Date:

Run Start ***NR1***

QC:

Date: SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

B67-43001-11

Rev C

100

0.00

100

Large Fab

Large Fab

Memo

0.00

Large Fab

1- make a 0.090" chamfer in the 1.00" hole before welding

2- assemble parts and weld as per dwg

3- grind weld flush in area of PB67-43001-249 only

4- install helicol insert as per dwg

3
2 *Scrap 1*

14-01-14

P10

110

QC9- Inspect visual per QSI004- Fusion Welds

0.00

110

QC

Memo

0.00

Quality Control

QC 14-01-30

14-01-15

DAS
9
9-89

DQA:

Date: 14/2/28

QA Closed:

Date: 14-2-21

WORK ORDER NON-CONFORMANCE / UPDATE

Work Order update only ☐

Work Order: <u>111107</u>				DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Part No. <u>PB67-43001-11</u>				Rework ☐		Skid-tube ☐		Crosstube ☐		Water Jet ☐		Engineering ☐	
NCR No. <u>14-3548</u>				Scrap ☒		Machining ☐		Small Fab ☐		Prod. Eng. Coord. ☐		Quality ☐	
				Use-as-is ☐		Thermoforming ☐		Finishing ☐		Rec/Store/Packaging ☐		Other ☐	
				Suspected Unapproved ☐		Large Fab ☒		Composite ☐		Supplier ☐			
Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector			
Design					Realized after welding that welder welded wrong. BOM 90 degree ^{90 degree} support on part.	DAS 16 9-89	Scrap + Destroy complete assembly	<i>[Signature]</i> 14-02-04	DAS 9 9-89 14-02-04	DAS 16 9-89			
Doc/Data					B 67-43001-67 90-degree support	Q52042 14/01/31				Q52042 14/01/31			
Equip/Tooling					PL operation / employee disorganization pulling all part for repair w/o's + performing multiple parts	<i>[Signature]</i> 12-5-2014	\$186.27						
Handling/Pre													
Material													
Operator													
Offset/Setup													
Process													
Supplier													
Training													
Transport													
Unapproved													
FAULT CATEGORY													
Landing Gear				General									
☐ Bending				☐ Bend									
☐ Centre Not Concentric				☐ BOM/Route									
☐ Cracks				☐ Broken/Damage/Defect									
☐ Crimp/Kink/Ripple/Wave				☐ Burrs									
☐ Cuffs				☐ Contamination									
☐ Crushing				☐ Countersink									
☐ Heat Treat				☐ Cut Too Short									
☐ Inspection Strip in Tube				☐ Drawing									
☐ Marks/Chatter				☐ Drill Holes									
☐ Turning Sequence				☐ Finish									
☐ Wave/Twist in Tube				☐ Fit/Function									
				☐ Folio/Program									
				☐ Grain									
				☐ Hardware									
				☐ Inspection Incomplete/Unqualified									
				☐ Instructions Incomplete/Unclear									
				☐ Misaligned/off center									
				☐ Mislabeled									
				☐ Misread									
				☐ Off-set									
				☐ Out of Calibration									
				☐ Out of Sequence									
				☐ Outside Dimensions									
				☐ Over/Under tolerance									
				☐ Part Incorrect									
				☐ Part Lost/Missing									
				☐ Part Moved									
				☐ Positioned Wrong									
				☐ Power Loss/Surge									
				☒ Other									
Not following Drawing													

Work Order ID 111107

Thursday, January 09, 2014 11:29:26 AM

111107

Page 2

Item ID: PB67-43001-11 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Fwd Adjustable Blade Support Assembly
 Start Date: 1/8/2014 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 1/24/2014 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC5- Inspect part completeness to step on W/O	0.00							
120									
QC	Memo	0.00							DAS 9 9-89
Quality Control									
150	Chemical Conversion Coat per QSI005 4.1	0.00							
150									
HandFinish	Memo	0.00							
Hand Finishing									
160	Green Sandtex(Ref:4.3.5.8) per QSI005 4.3	0.00							
160									
Powdercoat	Memo	0.00							
Powder Coating									
	1- MASK TUBE FROM BASE TO GUSSET START TIME: 325° OVEN TEMPERATURE: 2.30 FINISH TIME: 1.20								

② 14-01-15
 2 14-26
 DAS 34 9-89

Thursday, January 09, 2014 11:29:26 AM

Page 3

[illegible]

Work Order ID 111107***111107***

Page 4

Thursday, January 09, 2014 11:29:26 AM

Item ID: PB67-43001-11

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Fwd Adjustable Blade Support Assembly

Start Date: 1/8/2014 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 1/24/2014 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
200	Identify as per dwg & Stock Location: <u>WA003</u>	0.00				<u>2</u>	<u>0</u>		<u>14-02-18</u>
200									
Packaging	Memo	0.00							
Packaging									
210	QC21- Final Inspection - Work Order Release	0.00							
210									
QC	Memo	0.00							
Quality Control									

14-02-19mf
14-2-18

Picklist Print

Thursday, January 09, 2014 11:29:26 AM

Page 1

Work Order ID: 111107

Parent Item: PB67-43001-11

Parent Item Name: Fwd Adjustable Blade Support Assembly

Start Date: 1/8/2014

Required Date: 1/24/2014

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 08-06-26 new issue DD verified by:ec IPP Rev B 10.09.27 per revC
dwg EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
✓ PB67-43001-67 90° Blade Support Assembly		Manufactured	No				Each	1.0000		1		14.01.14	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				Mezz2	B111266 = 2	1							
					106345 = 1	1							
* PB67-43001-247 Inner Tube		Manufactured	No			100	Each	2.0000	1	1		14.01.14	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				Mezz2		2							
					99975 = 2	2							
✓ PB67-43001-249 Inner Tube Bushing		Manufactured	No			100	Each	2.0000	1	1		14.01.14	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				Mezz2	110600 = 2	2							
					99974 = 1	2							
✓ PB67-43001-253 Gusset		Manufactured	No			100	Each	8.0000	1	1		14.01.14	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				Mezz2		8							
					99973	8							
PB67-43001-254 Gusset		Manufactured	No			100	Each	9.0000	1	1		14.01.14	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				Mezz2		9							
					108308	9							

B44979

Took a 259 and made a 247.

Picklist Print

Thursday, January 09, 2014 11:29:26 AM

Page 2

Work Order ID: 111107

Parent Item: PB67-43001-11

Parent Item Name: Fwd Adjustable Blade Support Assembly

Start Date: 1/8/2014

Required Date: 1/24/2014

Start Qty: 1.00

Required Qty: 1.00

MS124780 Purchased No 180 Each 37.0000 1 1 1/14-01-14
HELICAL INSERT

Location Loc Qty Loc Code

ST331 37
111064 37

MS27039-1-10 Purchased No 180 Each 256.0000 8 3 8 1/14-02-14
SCREW

Location Loc Qty Loc Code

GA 127993 100
120449 100
ST506 156
m126474 156

NAS1149D0316J Purchased No 180 Each 135.0000 8 8 1/14-02-14
Washer

Location Loc Qty Loc Code

ST294 127993 135
123482 135

NAS1149D0363J Purchased No 180 Each 3,689.0000 8 8 1/14-02-14
Washer

Location Loc Qty Loc Code

GA 154
124392 154
ST510a 3535
m126319 2335
m127813 1200

PB67-43001-69 Manufactured No 180 Each 7.0000 1 1 1/14-02-14
90 Degree Cover Plate

Location Loc Qty Loc Code

Mezz2 7
100027 7

Picklist Print

Thursday, January 09, 2014 11:29:26 AM

Page 3

Work Order ID: 111107

Parent Item: PB67-43001-11

Start Date: 1/8/2014

Required Date: 1/24/2014

Parent Item Name: Fwd Adjustable Blade Support Assembly

Start Qty: 1.00

Required Qty: 1.00

PB67-43001-83

Manufactured No

180

Each

16.0000

1

1

D-Pad Assembly, Short

Location

Loc Qty

Loc Code

Mezz2

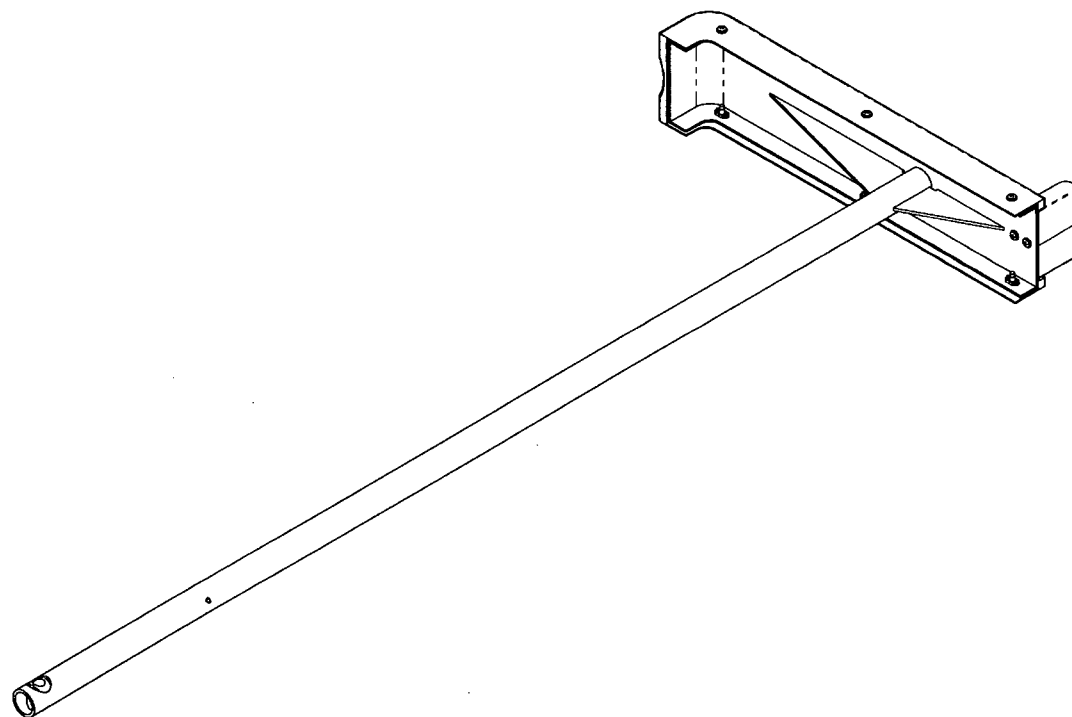
16

100022

16

2

14.02.14



B67-43001-11 FWD ADJUSTABLE BLADE SUPPORT ASSY

ITEM	QTY	P/N	DESCRIPTION
1	X	B67-43001-11	FWD ADJUSTABLE BLADE SUPPORT ASSEMBLY
2	1	B67-43001-11W	FWD ADJUSTABLE BLADE SUPPORT WELDMENT
3	1	B67-43001-69	90° COVER PLATE ASSEMBLY
4	1	B67-43001-83	SHORT D-PAD ASSY
5	8	MS27039-1-10	SCREW
6	8	NAS1149D0316J	WASHER
7	6	NAS1149D0363J	WASHER

MF
#111107
14-01-09

RELEASED
2010-09-16
MD

C	REDRAWN PREMIER AVIATION DRAWING IAW DART QSI 018 AND QSI 043. FOR PREVIOUS REVISIONS, REFER TO SHEET 8 OF PREMIER AVIATION DRAWING No. B67-43001. REASON: SEE PAR#09-011.		MB	10.04.28
REV.	DESCRIPTION		BY	DATE
DESIGN	RW	DART AEROSPACE LTD		
DRAWN		HAWKESBURY, ONTARIO, CANADA		
CHECKED		DRAWING NO.	REV. C	
MFG. APPR.		B67-43001-11	SHEET 1 OF 2	
APPROVED		TITLE	SCALE	
DE APPR.	N/A	FWD ADJUSTABLE BLADE SUPPORT ASSY	NTS	
DATE	10.04.28	COPYRIGHT © 1995 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

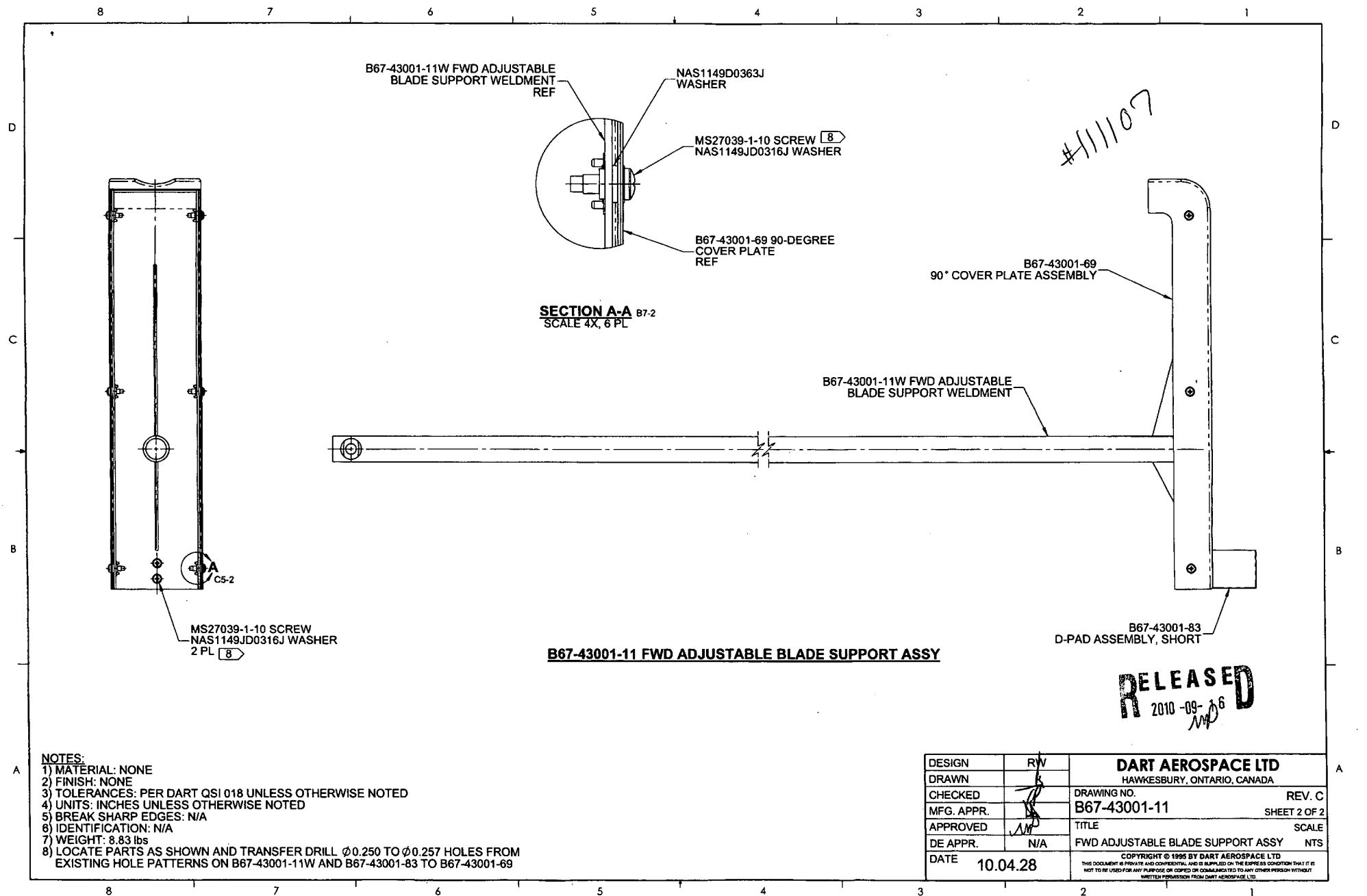
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
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Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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B67-43001-11W FWD ADJUSTABLE BLADE SUPPORT WELDMENT

ITEM	QTY -11W	P/N	DESCRIPTION
1	X	B67-43001-11W	FWD ADJUSTABLE BLADE SUPPORT WELDMENT
2	1	B67-43001-67	90-DEGREE BLADE SUPPORT ASSY
3	1	B67-43001-247	INNER TUBE
4	1	B67-43001-253	GUSSET
5	1	B67-43001-254	GUSSET
6	1	B67-43001-249	INNER TUBE BUSHING
7	1	MS124780	HELICAL INSERT

RELEASED
2010-09-18

C		REDRAWN PREMIER AVIATION DRAWING IAW DART QSI 018 AND QSI 043. FOR PREVIOUS REVISIONS, REFER TO SHEET 8 OF PREMIER AVIATION DRAWING No. B67-43001. REASON: SEE PAR#09-011.		MB	10.04.28
REV.	DESCRIPTION			BY	DATE
DESIGN	RW			DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	[Signature]			DRAWING NO. B67-43001-11W	
CHECKED	[Signature]			REV. C	
MFG. APPR.	[Signature]			SHEET 1 OF 2	
APPROVED	[Signature]			TITLE	
DE APPR.	N/A			SCALE	
DATE	10.04.28			FWD ADJUSTABLE BLADE SUPPORT WELDMENT NTS	
COPYRIGHT © 1995 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.					

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

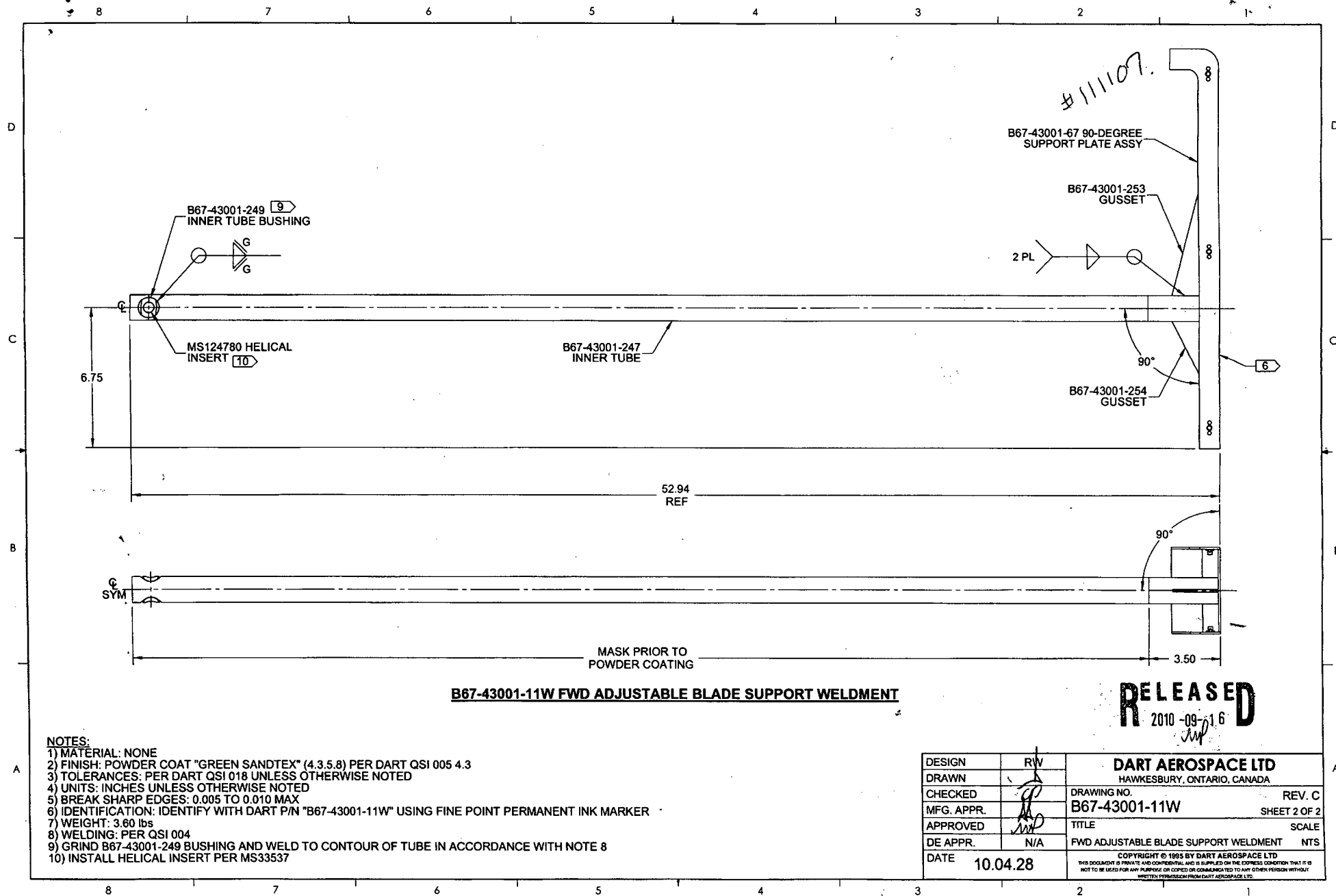
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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
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Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Conce: ☐ Cracks ☐ Crimp/Kink/Ripple; ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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